Giovanni Tranquillini

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General info
Date of birth: 16th July 1997
Address: Mori (TN), Italy
Driving license cat. B - car owner

Languages
Italian - native C2
English - B2

PROFESSIONAL EXPERIENCE

IDM Suedtirol
Bolzano
07/2023 - now

Full-Stack Engineer

- Provided technical guidance to ensure architectural consistency and compliance across web, mobile, and backend microservices.
- Conducted technical analyses to design and develop new microservices, supporting migration from legacy systems to modern architectures.
- Worked with Microsoft Azure for deploying and managing cloud services.
- Integrated Algolia to enhance full-text search capabilities and explored search engine optimization best practices.
- Designed and implemented a UI library using Next.js, improving development efficiency and design consistency.
- Performed end-to-end testing and automation using Selenium.

CRAON Srl
Vimercate
10/2022 - 06/2023

Backend Java Developer
Consultant for a company (LCS Group) specialized in automated warehouse systems

- Developed Java back-end warehouse projects using the company's proprietary monolithic core system for warehouse automation.
- Conducted real-environment testing with hardware devices, including industrial cameras, to validate automation workflows.

Spindox Labs (Spindox SpA)
Trento
11/2020 - 03/2022

Junior Software Developer
Software consulting company working with large-scale enterprise clients

- Backoffice & Observability System – Node.js, React.js, Grafana, Elasticsearch – Developed backend and dashboard features for EV charging monitoring systems - a big European automotive company
- Computer Vision Microservice – Python, OpenCV, YOLOv5 – developed a backend service for image recognition and automation processes - Ferrari S.p.A.
- Augmented Reality – WebAR, ARCore with Unity – built a prototype for interactive augmented reality experiences for internal research purposes – PoC
- Mobile Development – Kotlin (Android) – contributed to develop a mobile applications and integrate OCR algorithms to read personal documents information – Enel S.p.A.

Ecobnb
Full-remote
09/2019 - 10/2020

PHP Web Developer

- Took full ownership of designing and developing new features from scratch for the company's main web platform within a small development team.
- Designed database schemas and implemented backend logic using PHP (Symfony) and MySQL.
- Developed and exposed internal widgets via RESTful APIs, enabling integration with external websites and platforms.

EDUCATION

University of Trento
2021 - 2022
(interrupted)

MSc in Computer Science

Master's Degree in Computer Science, with a focus on Data Science

University of Trento
2016 - 2020

Bachelor Degree in Computer Science

ITI G. Marconi, Rovereto
2011 - 2016

High School Diploma in Computer Science (Perito Informatico)

Certificates

Udemy

- The Web Developer Bootcamp
- Node JS: Advanced Concepts
- Flutter & Dart - The Complete Guide
- Microsoft Azure: From Zero to Hero - The Complete Guide

TECHNOLOGIES I WORKED WITH

C#, Java 8, Kotlin, Typescript, NodeJS, Python, openCV, PHP5, Symfony2, MySQL, SQL Server, PostgreSQL, MongoDB, Elasticsearch

Kibana, Grafana, PowerBi, React, NextJS, Selenium, Unity for AR, WebAR, Azure, AWS, git, Docker, Jira, Confluence

ADDITIONAL EXPERIENCE

Trentino Sviluppo
Trento
02/2024 - 07/2024

Trentino Startup Valley

Participated in a startup incubation program focused on entrepreneurship and business development. Worked on turning a startup idea into a concrete project, gaining knowledge in areas such as business modeling and go-to-market strategies. The program concluded with a fundraising pitch presented to a real audience.

HOBBY

Rovereto (TN)
2023 - now

Theatre Actor

For the last years, I have been attending a theatre course called "L'atleta del cuore" at the Elementare Teatro school.